

What is claimed is:

1. A sensor-camera ganged intrusion detecting apparatus comprising:

a sensor unit for detecting an object in terms of a change in amount of reception of detection rays from a detection area;

5 an image processing unit for detecting the object in terms of a change of a video signal from a specific area in an area shot by a camera, the specific area having a portion overlapped with the detection area;

an area setting unit for setting the specific area on a monitor screen coupled with the camera; and

10 a detection signal generating unit for generating an object detection signal based on a detection signal from the sensor unit and a detection signal from the image processing unit.

2. The sensor-camera ganged intrusion detecting apparatus as claimed in Claim 1:

15 wherein the specific area includes first and second specific areas; and

wherein the detection signal generating unit generates the object detection signal in response to both of the detection signal from the sensor unit and the detection signal from the image processing unit in association with the first specific area or in response to the detection signal from the image processing unit  
20 in association with the second specific area.

3. The sensor-camera ganged intrusion detecting apparatus as claimed in Claim 1:

wherein the specific area includes first and second specific areas; and

25 wherein the detection signal generating unit generates a first object detection signal in response to receipt of both of the detection signal from the sensor unit and the detection signal from the image processing unit in association with the first specific area and also generates a second object detection signal in response to receipt of the detection signal from the image processing unit in association with the second specific area.

4. The sensor-camera ganged intrusion detecting apparatus as claimed in Claim 1, further comprising a nighttime adjusting device that is operable, when the brightness of an area shot by the camera becomes a value equal to or lower than a predetermined brightness, to disable the image processing unit and to  
5 allow the detection signal generating unit to generate a first object detection signal in response to only the detection signal from the sensor unit.

5. The sensor-camera ganged intrusion detecting apparatus as claimed in Claim 1, wherein the detection rays are infrared rays; and  
wherein the sensor-camera ganged intrusion detecting apparatus further  
10 comprises a temperature adjusting device that is operable, when the temperature of the detection area becomes a value equal to or higher than a predetermined temperature, to disable the sensor unit and to allow the detection signal generating unit to generate a first object detecting signal in response to only the detection signal from the image processing unit.

15 6. The sensor-camera ganged intrusion detecting apparatus as claimed in Claim 1:

wherein the specific area includes first and second specific areas; and  
wherein the detection signal generating unit generates the object detection signal when it receives both of the detection signal from the sensor unit and the  
20 detection signal from the image processing unit in association with the first specific area, or when it receives the detection signal from the sensor unit, but does not receive the detection signal from the image processing unit in association with the second specific area.

7. The sensor-camera ganged intrusion detecting apparatus as claimed in  
25 Claim 1, wherein the sensor unit includes a passive infrared detector for detecting far infrared rays from the detection area.